

20010410.qrp v02\_n155.qrl.20010410

Date: Tue, 10 Apr 2001 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2155

QRP-L Digest 2155

Topics covered in this issue include:

- 1) [96039] Re: QRP Desktop question  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 2) [96040] Re: Elenco F2800 Miniature Frequency Counter  
by George Franklin <w0av@juno.com>
- 3) [96041] RE: Field Strength Meter  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 4) [96042] Re: Does anyone have a July 1996 QRP Quarterly???  
by "Thaire Bryant" <tbry37@mediaone.net>
- 5) [96043] Switching Supplies  
by Kt3acam@aol.com
- 6) [96044] re:Milliwatting is fun  
by "Jim" <sunwatt@starband.net>
- 7) [96045] National Submarine Day  
by Michael Rioux <mike@rioux.org>
- 8) [96046] FDIIM - Dayton Rooms  
by Hank Kohl K8DD <k8dd@arrl.net>
- 9) [96047] Re: Switching Supplies  
by "Rod Cerkoney" <n0rc@hotmail.com>
- 10) [96048] High losses on ladder line and twin lead?  
by Jeff <fantbb@yahoo.com>
- 11) [96049] 20 meters is good !!!  
by "George Osier" <gosier@twcnny.rr.com>
- 12) [96050] Re: ladder line in the rain. what goes  
by FrConrad@aol.com
- 13) [96051] FS: B&W AP-10 Portable Antenna  
by Dave Redfearn <n4elm@home.com>
- 14) [96052] Re: High losses on ladder line and twin lead?  
by "Phil (VA3UX)" <phil@vaxxine.com>
- 15) [96053] microphones  
by neil <wa4chq@qsl.net>
- 16) [96054] RE: High losses on ladder line and twin lead?  
by Nick Kennedy <nkennedy@tcainternet.com>
- 17) [96055] ARKIECON, A Truly Fabulous Event  
by "John Burnley" <burnleyia@home.com>
- 18) [96056] Audio Oscillator using Sound Card  
by "Bob Shaw" <lycott@fox.nstn.ca>
- 19) [96057] Hotel Operating

- by DYARNES@aol.com
- 20) [96058] [MH101] SW-30+ building and MH101 state of the union  
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
  - 21) [96059] Looking to buy  
by Bob Welch <p326@earthlink.net>
  - 22) [96060] Re: OT warning:: Computer geeky hardware question.  
by "Denis Englander" <ko6gf@slip.net>
  - 23) [96061] ArkieCon  
by Darrel Swenson <k0awb@tconl.com>
  - 24) [96062] Re: microphones  
by "Leon Heller" <leon\_heller@hotmail.com>
  - 25) [96063] Re: ladder line in the rain. what goes  
by Bruce Muscolino <w6toy@erols.com>
  - 26) [96064] Re: Audio Oscillator using Sound Card  
by "David Porter" <aa3ur@home.com>
  - 27) [96065] Re: ladder line in the rain. what goes  
by wb2vuo@juno.com
  - 28) [96066] Re: microphones  
by "Dave Marling" <dbm@klis.com>
  - 29) [96067] Antennas redux: just in time for the sparks  
by Nils R Young <nilsbull@juno.com>
  - 30) [96068] FS: Ten-Tec Argonaut 515 & 208A filter  
by Dave Redfearn <n4elm@home.com>
  - 31) [96069] Another X class flare at 0526z 10-Apr  
by "Rod Cerkoney" <n0rc@hotmail.com>
  - 32) [96070] Michigan QRP Net  
by ed.kwik@delphiauto.com
  - 33) [96071] Re: Looking to buy  
by "Bruce Kizerian" <kizerian@ced.utah.edu>
  - 34) [96072] Re: Another X class flare at 0526z 10-Apr  
by Dave Sjolin <sjolin@swbell.net>
  - 35) [96073] RE: M.RE: National Submarine Day  
by "AI2Q Alex" <ai2q@adelphia.net>
  - 36) [96074] For Sale Books etc.  
by K4NK@aol.com
  - 37) [96075] Re: Audio Oscillator using Sound Card  
by "Don Wilhelm" <w3fpr@arrl.net>
  - 38) [96076] Re: Another X class flare at 0526z 10-Apr  
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
  - 39) [96077] HB - DSW tuning software  
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
  - 40) [96078] Re: Audio Oscillator using Sound Card  
by Bill Jones <kd7s@psnw.com>
  - 41) [96079] Re: PSK31 Warbler Kit Build #4  
by "George Heron N2APB" <n2apb@erols.com>
  - 42) [96080] Re: Audio Oscillator using Sound Card  
by "laura halliday" <marsgal42@hotmail.com>
  - 43) [96081] Re: Audio Oscillator using Sound Card

by "Bruce Kizerian" <kizerian@ced.utah.edu>  
44) [96082] Re: High losses on ladder line and twin lead?  
by "Russ Hines" <wb8zcc@one.net>  
45) [96083] Question: General license / callsign options  
by "Patrick McVey" <mcveyp.MOHAVE@narbha.com>  
46) [96084] Re: Audio Oscillator using Sound Card  
by "laura halliday" <marsgal42@hotmail.com>  
47) [96085] FS: Brand New, Unopened, Alpha 87A HF Amp  
by "Dave Fifield" <ad6a@earthlink.net>  
48) [96086] RE: Question: General license / callsign options  
by <schoon@amgt.com>  
49) [96087] Re: Question: General license / callsign options  
by hamjoel@juno.com  
50) [96088] Re: Question: General license / callsign options  
by Bob Nielsen <nielsen@oz.net>  
51) [96089] Re: Audio Oscillator using Sound Card  
by Stan Yarema <bg783@scn.org>  
52) [96090] Re:ladder line in the rain. what goes  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
53) [96091] RE: Audio Oscillator using Sound Card  
by <schoon@amgt.com>  
54) [96092] X2 Flare and resulting CME  
by Dave Sjolin <sjolin@swbell.net>  
55) [96093] Re: Another X class flare at 0526z 10-Apr  
by "Rod Cerkoney" <n0rc@hotmail.com>  
56) [96094] Re: Question:General license / callsign options  
by agtaylor@llnl.gov  
57) [96095] Toroidal Experiment  
by "w8diz" <w8diz@fpqrp.com>  
58) [96096] Re: ladder line in the rain. what goes  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
59) [96097] Re: ladder line in the rain. what goes  
by "ZOOM" <kandrparker@sympatico.ca>  
60) [96098] Re: Question: General license / callsign options  
by Jake Brodsky <frussle@erols.com>  
61) [96099] RG 179 coax  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
62) [96100] Rg 179 atten. (Large) Comparisons of types of coax vs. uses  
by "Stuart Rohre" <rohre@arlut.utexas.edu>  
63) [96101] Re: RG 179 coax --->Thank you to Everyone --> Summary attached  
by PTSMANTUA@aol.com  
64) [96102] 1 GHz Prescalers?  
by Dan Tayloe <dtayloe@home.com>  
65) [96103] What are the ladder line and twinlead losses?  
by Jeff <fantbb@yahoo.com>  
66) [96104] New web page:  
by Fred Lesnick <flesnick@tbaytel.net>  
67) [96105] RE: BOOK SALE

by K4NK@aol.com

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Date: Mon, 9 Apr 2001 15:59:41 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [96039] Re: QRP Desktop question  
Message-ID: <004101c0c148\$c337e440\$04d9fc9e@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bruce

You can have folders on the desktop.

Perhaps you could collect several related icons in a common folder  
right on the desktop.

73, Bob N6WG

-----  
Date: Mon, 9 Apr 2001 17:59:58 -0500  
From: George Franklin <w0av@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [96040] Re: Elenco F2800 Miniature Frequency Counter  
Message-ID: <20010409.175959.-1642117.0.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gentlemen:

Today I smoked a 1/4 watt resistor on the top of the PCB of the above  
counter; down in the lower, right-hand corner, horizontally mounted.

The smoking was so effective that I cannot read the resistance value,  
which measures about 2.0 ohms (now).

The unit still works, but doesn't smell nice.

If any of you have one of these handy gadgets, would you please remove  
the 4-screws and tell me what the crispy-critter resistor is/was?

Of course, I could contact C & S Sales, but why not try good old QRP-L  
first?

Oh, yes, I fried the resistor by plugging in a 24V DC wall wart instead of the correct 12VDC charger!

I got so soon old and so late smart.

Apologies and TIA,

72/73/74 de George/W0AV

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Date: Mon, 9 Apr 2001 19:15:09 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Upton, Shawn '" <SUpton@ALLEGROMICRO.com>, "'Low Power Amateur Radio Discussion '" <qrp-l@Lehigh.EDU>  
Subject: [96041] RE: Field Strength Meter  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16DCD@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hello, Shawn,

You got it exactly. You can also use any portable receiver with an S meter for relative field strength measurements, although if you put more than a few milliwatts into your antenna, you will get S9+++ readings.

One caveat -- as you surmise, the short whip antenna used with most FS meters is mostly an E field probe. You need to make sure your measurements are not in the radiating near-field of the antenna if you want to compare two antennas. A good rule of thumb is that the near-field region extends to  $2D^2/\text{wavelength}$ , where D is the maximum physical dimension of the antenna. For antennas that are a half-wave in dimension, the near field region is a half wavelength.

73,  
Ed Hare, W1RFI

-----Original Message-----

From: Upton, Shawn  
To: Low Power Amateur Radio Discussion  
Sent: 4/9/2001 04:27 PM  
Subject: Field Strength Meter

I want to make one. I would like to evaluate the performance of a couple of types of antennas, in a real a/b comparison. It wouldn't be hard

numbers,  
but it should be able to show patterns between the antenna types. I  
plan on  
checking the Handbook tonight, it should have a circuit in there to do  
the  
trick; but I wanted to just ask a couple of questions (maybe they'll be  
answered when I read the book?):

The concept of the field strength indicator is act as a wideband, ac  
voltmeter, right? So it should have a high-input impedance (looking  
into  
the pickup antenna). Then it turns into what looks kinda like a diode  
detector--a diode from the antenna to some sort of tank circuit. Or  
should  
it be a low pass filter? And the "ground" reference--is that supplied  
through the high impedance path that I present to ground? (if I view  
this  
instrument as a voltmeter?)

After all, all that should happen is 1) pickup of rf e-field 2)  
rectification 3) low pass filter, so as to obtain some sort of dc  
component  
and 4) some sort of meter. Actually, this is starting to sound like an  
AM  
detector.

Am I missing something here about the basics of this device?

Shawn Upton, KB1CKT  
Product Development Engineer - Sensors  
Allegro MicroSystems, Inc  
Concord, NH  
603.228.5533 ext. 429

-----  
Date: Mon, 9 Apr 2001 19:21:18 -0400  
From: "Thaire Bryant" <tbry37@mediaone.net>  
To: <cferris@aeronix.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96042] Re: Does anyone have a July 1996 QRP Quarterly???  
Message-ID: <005301c0c14b\$c865da00\$10c95b18@ne.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Got a copy, I can scan the info and e-mail.

Thaire W2APF

----- Original Message -----

From: "Craig A. Ferris" <cferris@aeronix.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, April 09, 2001 3:10 PM

Subject: Does anyone have a July 1996 QRP Quarterly???

> I am looking for a copy of the article "ALC modifications for the  
> TS-130v" by  
> Bob Patten, N4BP from July 1996 QQ. I will gladly reimburse any copying  
> /postage costs. Please reply direct.  
>  
> 72,  
> Craig NR4E  
> Melbourne, FL  
>

-----  
Date: Mon, 9 Apr 2001 19:24:43 EDT

From: Kt3acam@aol.com

To: elecrafft@qth.net, qrp-l@lehigh.edu

Subject: [96043] Switching Supplies

Message-ID: <96.128c8afc.28039ebb@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Has anyone had success with the small switching supply that RS sells, or one like it when using it to power up a QRP rig?

Any hum on output signal or RFI on receive?

Cam, kt3a

-----  
Date: Mon, 9 Apr 2001 18:42:29 -0500

From: "Jim" <sunwatt@starband.net>

To: "QRP-L" <qrp-L@Lehigh.edu>

Cc: <qrpp@yahoogroups.com>

Subject: [96044] re:Milliwatting is fun

Message-ID: <001701c0c14e\$c4e92f00\$9a354794@computer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Welcome to milliwatting Monty!

If you havnt already tried mW'ing in contests, its a hoot also. Look for the big gun DX stns CQ'ing with no callers and run your power down to a "silly" 50mW and try.

In the last DX contest I got HC8N in the Galapagos islands with 004 milliwatts on 10 meters.

He was 599++, so I started at 001mW, and not even a "QRZ?" from him. Next at 002mW no good, but at 004mW he got me no problem.

This is called takeing QRP to its natural limits. Its only the best.

Yes, if there is any QSB, I'm like you. I'll go "QR0" to 2watts, and finish the QS0 if necessary.

We have a little group thats part of [www.yahoogroups.com](http://www.yahoogroups.com) called QRPP, and we'd love for you to join us.

Everyone's welcome, but remember to post to both QRP-L and QRPP-L, so we dont get to specialized!! Hi Hi

72's (71's?) de Jim KJ5TF  
"All Milliwatts, All The Time"

=====  
Date: Sun, 08 Apr 2001 22:27:21 -0500  
From: Monty N5FC <n5fc@io.com>  
To: AQRPP@egroups.com, qrp-l@Lehigh.edu  
Subject: [95976] Milliwatting is fun!  
Message-ID: <4.3.2.7.1.20010408215434.00ae6d70@mail.io.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey gang!

Since building my 10 dB transmitting attenuator a month ago, I have been having a ball with "milliwatting". At first, I used the attenuator to switch my power from 5 watts to 500 mW. I was getting such good results, last weekend I decided I would crank the Century 21 down to 500 mW, and use the attenuator to give me 50 mW.

My strategy has been to answer 599 stations calling CQ (579 if they sign "/QRP"). As long as I don't have to compete with somebody else, I've



almost always been getting answers. After completing the first exchange at 50 mW, I'll switch the attenuator out to QRO to 500mW, or to 5W if necessary (so the op on the other side doesn't have to suffer).

If the band is open but activity is slow, I'll park on a clear frequency and call CQ at 50 mW. This weekend, on 15 meters, I never had to call CQ more than 6 times before getting an answer. How about that!

Best 50 mW DX to date is AL7FS, on 15 meters for 3144 miles and 63K miles/watt! (and conditions weren't that good)... thanks, Jim, for digging me out.

Ok, so you're thinking I have a whiz-bang antenna, huh? ... nope, for 40 and 15 I use an Inverted Vee fed with 300-ohm ladder line, cut for 40 meters, mounted on a mast strapped to my chimney, with the apex at 30 feet, and the ends just 10 ft off the ground. For 20 and 10, I use a horizontal delta loop on my roof at 20 ft.

I'm hoping ol' Sol will arrange conditions so I can work JA, or maybe even VK at 50 mW. Wouldn't that be a hoot?

Hope this encourages some of you to build an attenuator, and explore what you can do with QRPP. It's a blast!

72,  
monty N5FC

P.S. Next project: a 10/20/30 db attenuator ;-)

Monty Northrup, N5FC  
Austin, Texas  
e-mail: n5fc@io.com  
web page (ham radio): <http://www.io.com/~n5fc>  
web page (home): <http://www.io.com/~maddog>

-----  
Date: Mon, 09 Apr 2001 23:53:58 +0000  
From: Michael Rioux <mike@rioux.org>  
To: <qrp-1@Lehigh.EDU>  
Subject: [96045] National Submarine Day  
Message-ID: <5.0.2.1.0.20010409234856.00b034e0@pop.ne.mediaone.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I will be QRV on the Lionfish in Fall River, MA on 4/28 both cw and ssb.

From about noon to 3pm EDT. Schedules are OK, we'll try to make them. If you do want a sked, 1-2:30 pm will probably be best. I will NOT be QRP unless conditions are good. It is very difficult to get any kind of a signal out from a sub (low to the water), surrounded by a Battleship and a destroyer, and the big bridge that all of the ships are under!  
mike, W1USN

At 03:57 PM 4/9/01 -0400, AI2Q Alex wrote:

>I hope to be on the air with the ORIGINAL equipment that I've restored on  
>the USS Albacore from Portsmouth, NH. Until we get our new callsign that  
>mimics the ship's original, we'll be under the Port City ARC's call W1WQM.  
>

>Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

>

>

>-----Original Message-----

>From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

>David Hurley, n2zhy

>Sent: Monday, April 09, 2001 8:22 AM

>To: Low Power Amateur Radio Discussion

>Subject: OT: National Submarine Day

>

>

>Bob/kc2aio and I will be operating from the USS Becuna on Wednesday  
>April 11th, National Submarine Day. The Becuna is a WW2 museum ship  
>docked on the Philadelphia waterfront.

>

>Bob served aboard a similar boat, the Guavina, in the Pacific theater  
>during WW2 and transferred some rescued flyers to the Becuna during one  
>mission.

>

>We will operate from 1000 to 1500hrs local time.

>Callsign is KC2AI0 and Bob's qsl card will be sent.

>We will operate CW only.

>Bands will be 40, 20 and maybe 10 meters.

>Look for us 43khz up from the bottom of the cw band.

>Also check the qrp frequencies:

>7.040, 14.060 and maybe 28.060

>

>David Hurley, n2zhy

>Bob Straub, kc2aio

---

SI VIS PACEM, PARA BELLUM

-----  
Date: Mon, 09 Apr 2001 20:00:27 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [96046] FDIM - Dayton Rooms  
Message-ID: <5.0.2.1.2.20010409193952.022ce928@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dayton Rooms. Got some available.

See who's coming <http://www.qsl.net/k8dd/rooms/dids.htm>

\*/ Hank Kohl K8DD k8dd@arrl.net  
\*/ ARRL TS <http://www.qsl.net/k8dd>  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/

-----  
Date: Mon, 9 Apr 2001 18:31:55 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: <Kt3acam@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96047] Re: Switching Supplies  
Message-ID: <0E61hIHL2T46ZTyV4FG00001b27@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Cam,

This supply was popular, and discussed sometime ago. What I remember is that results were mixed for some it worked great for others it interfered with the radio. Mostly it seemed to be a problem if the antenna was non-coax fed. I say get one, and try it in your shack. But be sure you can return it if it causes problems.

73, Rod N0RC  
Ft Collins CO

----- Original Message -----

From: <Kt3acam@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, April 09, 2001 05:24 PM

Subject: Switching Supplies

> Has anyone had success with the small switching supply that RS  
sells, or one  
> like it when using it to power up a QRP rig?  
>  
> Any hum on output signal or RFI on receive?  
>  
> Cam, kt3a  
>

-----  
Date: Mon, 9 Apr 2001 17:54:08 -0700 (PDT)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>  
Subject: [96048] High losses on ladder line and twin lead?  
Message-ID: <20010410005408.12903.qmail@web10006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I just finished reading an article that gist of was losses were a lot higher with ladder line and twin lead than what was once thought. The URL was posted here on QRP-L a few days ago. He was testing ladder at 50mhz and I guess extrapolating to lower frequencies from there. He stated that the losses on twinlead and ladder line were much higher than what was once thought. That the ARRL had corrected their loss numbers for ladder line and twinlead since 1993 in their antenna book. I have a 1991 antenna book so I can't check the newer loss calculations.

I also saw Joe's article on the 80 meter squirt antenna and he said the loss on the twinlead was 7db! That surprised me quite alot as past articles I have read on twinlead said the losses were low at high SWRS.

After reading the article on losses on ladder line and twinlead and seeing Joe's stated losses. It has gotten me really wondering. Has there been a real rethinking of losses on those two feedlines? It sure runs counter to what I have read over the years. Any one have any information on this subject?

Very puzzled

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

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Do You Yahoo!?  
Get email at your own domain with Yahoo! Mail.  
<http://personal.mail.yahoo.com/>

-----  
Date: Mon, 9 Apr 2001 21:09:06 -0400  
From: "George Osier" <gosier@twcnny.rr.com>  
To: <qrp-l@lehigh.edu>  
Subject: [96049] 20 meters is good !!!  
Message-ID: <000901c0c15a\$d79bc020\$25191842@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello !!!

Worked UA9NA at 0044 and UA9MA AT 0101 with 700 mw !!! Got a 449 and a 559  
from Gena and Vlad !!!

73s  
George , N2JNZ / QRPp

-----  
Date: Mon, 9 Apr 2001 21:10:59 EDT  
From: FrConrad@aol.com  
To: rohre@arlut.utexas.edu  
Cc: QRP-L@lehigh.edu  
Subject: [96050] Re: ladder line in the rain. what goes  
Message-ID: <6e.9634239.2803b7a3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 4/9/01 2:57:48 PM Pacific Daylight Time,  
rohre@arlut.utexas.edu writes:

<< To minimize the effects on the plastic you can actually wax your ladder  
line  
plastic insulation with car wax, of the non abrasive type, or even furniture  
wax. >>

You gotta be kidding.

John+  
WB6MFS

-----  
Date: Mon, 09 Apr 2001 20:34:50 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96051] FS: B&W AP-10 Portable Antenna  
Message-ID: <3AD2633A.E818DF80@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For Sale :

B&W AP-10 Portable Antenna

Old, but in new, unused condition.  
Has coils for 80, 40, 20, 15, & 10 Meters  
Whip may also work on 6 Meters by itself.  
With all hardware.  
NEW - Unused, box is somewhat frayed, no instructions  
  
\$50.00 OBO + shipping from TX.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Mon, 09 Apr 2001 21:53:07 -0400  
From: "Phil (VA3UX)" <phil@vaxxine.com>  
To: fantbb@yahoo.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [96052] Re: High losses on ladder line and twin lead?  
Message-ID: <3.0.5.32.20010409215307.007a6d20@vaxxine.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Don't despair too much Jeff. It isn't all that uncommon to see current work that reveals new information on old theories. We have more experience

and better testing/measuring equipment today than we did 30 or 50 or more years ago. Don't get hung-up on what you've been reading for years if some current work (such as that done by N7WS) indicates that the old stuff was wrong. Remember, there was a time when the brightest scientists in the world said that it was impossible for a physical object to move faster than the speed of sound. In the 1800's they thought that a candle placed in a jar burned out because the jar filled up with phlogiston. Of course they were wrong on both cases but they didn't know any better at the time. Same thing here with ladder line.

In 1983 Elmer Wingfield (W5FD) published an excellent paper in QST showing how the published "Q" based Pi and Pi-L network formulas were in error : they did not produce a network with the stated Q based on the calculated component values. At high impedance transformation ratios (such as in the tank of a high power tube amp - say 3000 ohms down to 50 ohms), the error wasn't all that significant but it was noticeable. At lower impedance transformation ratios ( say a few ohms up to 50 ohms like you'd find in a transistor amp), the error was quite significant. Despite Elmer's excellent work, few people could bring themselves to change over to the new formulae. It even took the ARRL until 1995 (12 years after the article was published) to change the formula in the Handbook and correct all the network tables. I built a nice spreadsheet to enable easy comparison between the new and old formulae. If anyone is interested in a copy just let me know. You'll need MS Excel 5.0 or greater to use it. A 5 year old could design Pi and Pi-L networks with this spreadsheet.

Phil

At 05:54 PM 4/9/2001 -0700, you wrote:

>I just finished reading an article that gist of was losses were a lot  
>higher with ladder line and twin lead than what was once thought. The  
>URL was posted here on QRP-L a few days ago. He was testing ladder at  
>50mhz and I guess extrapolating to lower frequencies from there. He  
>stated that the losses on twinlead and ladder line were much higher  
>than what was once thought. That the ARRL had corrected their loss  
>numbers for ladder line and twinlead since 1993 in their antenna book.  
>I have a 1991 antenna book so I can't check the newer loss  
>calculations.  
>I also saw Joe's article on the 80 meter squirt antenna and he said the  
>loss on the twinlead was 7db! That surprised me quite alot as past  
>articles I have read on twinlead said the losses were low at high SWRS.  
>  
>After reading the article on losses on ladder line and twinlead and  
>seeing Joe's stated losses. It has gotten me really wondering. Has  
>there been a real rethinking of losses on those two feedlines? It sure  
>runs counter to what I have read over the years. Any one have any  
>information on this subject?  
>

>Very puzzled  
>  
>Jeff  
>  
>=====  
>AB6MB  
>NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
>Radical FIST Member 6798  
>  
>-----  
>Do You Yahoo!?  
>Get email at your own domain with Yahoo! Mail.  
><http://personal.mail.yahoo.com/>  
>  
>

-----  
Date: Mon, 09 Apr 2001 22:04:56 -0400  
From: neil <wa4chq@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [96053] microphones  
Message-ID: <3AD26A48.FFA3BA41@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings-  
I need a mic for my ht and would like to make rather than buy. Has  
anyone on the list made one? Any advice or tips?'  
Tnx- 72  
Neil wa4chq

-----  
Date: Mon, 9 Apr 2001 21:36:19 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "'fantbb@yahoo.com'" <fantbb@yahoo.com>, Low Power Amateur Radio Discussion  
<qrp-l@Lehigh.EDU>  
Subject: [96054] RE: High losses on ladder line and twin lead?  
Message-ID: <01C0C13D.1DD8FEE0.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Yep, you can find lots of good info, and something to contradict every bit



of it, if you read the Net (or magazines) long enough.

I don't thing the basic idea of ladder line as low-loss and coax as somewhat higher loss has gone out the window though. I've heard Wes Stewart's name invoked, but I think Roy Lewallen has also posted quite a bit on the subject on the rec.radio.amateur.antennas newsgroup. Roy generally points out that (1) losses with twin lead go up quite a bit when it's wet and (2) losses with coax used under 30 MHz operated with low (say less than 5:1) SWR are usually not bad enough to justify the extra hassle of ladder line.

Those points are well made and backed by measurements, but I think the basic tribal knowledge about ladder line and coax is still valid. For example, if you use a dipole (G5RV or whatever) on all bands, it's gonna have a pretty high (much higher than 5:1) in some places. I was pretty shocked when I did some calculations on my 160 meter inverted L and realized that the SWR was about 80:1! Normally, you'd expect coax loss to be low on such a low frequency, but at 80:1? I moved the matching network to the feed point after that finding.

On wet balanced line--I think the measurements were made with TV type that didn't have windows. With the window type 450 ohm line, I'd expect the change to be less dramatic, and even less with "true" ladder line using discrete spacers.

And what about aesthetics? In ham radio a few things are beautiful. One is a Johnson Matchbox on the desk. Another is the backyard view of a length of ladder line going straight up, to the vanishing point.

About somewhat high loss feeders for QRP antennas. On the 80 meter squirt, you're probably gonna have a fair amount of loss no matter what, when using a 1/4 wave antenna on 80 with a lightweight feeder because the SWR will be plenty high. But this is a compromise antenna that makes the difference between getting your warbler on 80 or not at all. For some other QRP antennas, guys might use ribbon cable or RG-174 that are fairly high loss because it's lightweight or cheap or both. And they are using short feeders so the attenuation is kept down. But personally, I'd generally go to 300 ohm twin lead or RG-58 before I'd accept 6 dB or more loss on QRP, unless it were unavoidable.

End of rambling ...

72--Nick, WA5BDU

I also saw Joe's article on the 80 meter squirt antenna and he said the loss on the twinlead was 7db! That surprised me quite alot as past

articles I have read on twinlead said the losses were low at high SWRS.

After reading the article on losses on ladder line and twinlead and seeing Joe's stated losses. It has gotten me really wondering. Has there been a real rethinking of losses on those two feedlines? It sure runs counter to what I have read over the years. Any one have any information on this subject?

Very puzzled

Jeff

-----  
Date: Mon, 9 Apr 2001 22:30:09 -0500  
From: "John Burnley" <burnleyia@home.com>  
To: <qrp-1@lehigh.edu>  
Subject: [96055] ARKIECON, A Truly Fabulous Event  
Message-ID: <000a01c0c16e\$8b8cd5c0\$1b790818@c149552-a.west1.ia.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I can't add much more to what the others have already posted. Jay and the Ft. Smith gang did an absolutely great job!!!!!! George Heron, Lord Graham Firth, Sir Tony Fishpool, and Jim Kortge had wonderful presentations. Doug Hendricks was brilliant as the master of ceremonies. It was the next best thing to heaven meeting a lot of my QRP heroes.

I highly recommend that you try and attend this event. The presentations alone are worth the drive to Ft. Smith. Plus you get the opportunity to meet and chat with some of the best that ham radio has to offer (QRP'ers of course).

My congratulations to Jay and the others from Ft. Smith. I hope to return next year!

72, John NU0V

-----

Date: Mon, 9 Apr 2001 23:40:14 -0400  
From: "Bob Shaw" <lycott@fox.nstn.ca>  
To: <qrp-l@lehigh.edu>  
Subject: [96056] Audio Oscillator using Sound Card  
Message-ID: <008201c0c16f\$4f80740\$0100a8c0@athlon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I recall some programs including an audio oscillator program using the sound card, but I cannot find these with Altavista. Does anyone recall the site where these are stored?

de Bob VE3SUY

-----  
Date: Tue, 10 Apr 2001 00:06:11 EDT  
From: DYARNES@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96057] Hotel Operating  
Message-ID: <38.14aa673e.2803e0b3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

>From time to time, there are inquiries here on QRP-L about hotel room operating. Most of it centers on antennas. Well, I am about to tell you all how to go about it! Get one of Vern Wright's PW-1 or MP-1 antennas, and make sure you get a room with a window you can open! That's it!

Seriously, a lot of hotel room don't have windows you can open. If you are in one of those, you are probably up the creek! If you can open a window somehow (bring a screwdriver or Leatherman tool--many hotel windows are screwed shut!) you can probably get something going--a wire or something. But if you have one of Vern's portable jobbies, you have a better than 50-50 chance of making some good contacts.

At Arkiecon last weekend I gave my MP-1 a test drive. (I also have a PW-1 which did a great job for me on my cruise in Europe last summer--dozens of contacts throughout Europe and the mideast, and a handful of U.S. contacts, all with my NorCal 20 and the PW-1 clamped to our balcony rail). Anyway, the MP-1 is Vern's latest model--the one that stores inside itself! I used it golf cart mobile when Ron Stark, KU7Y was visiting a couple of weeks ago, and worked a bunch of stuff, including Switzerland, during the DX contest while Ron and I played golf. Now I wanted to give that little hummer the

motel/hotel test, which I think is the really critical one for any portable antenna.

Now, I wasn't able to do a lot of operating because we were doing a lot of visiting, eating, storytelling, and all the other stuff that goes on at hamfests. But Friday night, after we all kind of ran out of gas talking, I went up to my room (2nd floor--only two floors in this hotel), hooked up the FT-817 to a portable RS power supply, and clamped the antenna to a sliding window frame so that the antenna pointed out at about a 45 degree angle. I spread the 4 sets of radials (I don't want to get into the controversy about whether I had 4 radials or 4 sets of 6 radials) with two spread outside and 2 spread inside the motel room. I tuned up for 20 meters (the FT-817 has a reasonably effective SWR meter position so you can pretty well tell when you are close to or at 1 to 1). The band was pretty busy for that late at night.

I proceeded to work 5 european stations, including Russia and Croatia, all on the first try! 2 of the stations gave me inflated "quickie contact" 599 reports, but the other three were much more believable. I received one 559, one 569, and one 579. Two of these contacts were somewhat extended contacts wherein a lot of info was passed back and forth. I got every impression that I was being copied solid.

Saturday night (late) I worked Sweden, again on the first try, and then a couple of stateside stations before I had to give it up because I was beat. The Swedish station only gave me a 439, but we talked for some time about where I was and what I was doing in Ft. Smith. I don't think he missed much if anything based on his responses.

The point of all this, is that this antenna works, and pretty darn well in my view. It may not snag DX all the time, but it sure will get you some kind of contact if you have a half-way decent way to get some of the antenna "out the window". Besides, I was running only 5 watts, and you can run a lot more if you want, as this antenna will do 100 watts or more easily. But we are QRPers, right! The neat part is that Vern is always making some kind of nifty improvement which makes it so darn easy to use this little jewel.

Folks, Vern is a good friend of mine, but I pay for his stuff just like you do. I wouldn't tell you all this if I didn't believe it. I'm just trying to be helpful to any others out there who, like me, have struggled with hotel operating over the years. Besides, Vern is selling these things faster than he can make them, so he doesn't need any help from me!

72 de Dave W7AQK

-----  
Date: Tue, 10 Apr 2001 04:28:12 +0100  
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>  
To: qrp-1@Lehigh.EDU

Subject: [96058] [MH101] SW-30+ building and MH101 state of the union  
Message-ID: <5.0.2.1.0.20010410040828.00a1d420@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Just a quick post to give some updates.

1. I'm going through the complete construction of the Small Wonder Labs SW-30+ kit that I bought just before Atlanticon from Dave Benson, NN1G.

I am building it step by step with some neat stuff on how to test a rig as you build it without too much test equipment other than a DMM and your ears. See the web page <http://www.qsl.net/k7qo> and look at the MH101 section on page 1.

I have found at least one person who bought a SW-30+ over a year ago and had not started on it and is now doing so. So my time and effort is at least being used by one person. So if you are another person that has a SW-30+ and haven't started on it now is the time to do so. I want to work them all when this is done.

2. The reason for my doing the SW-30+ again is to get a baseline for the MH101 30 meter version built Manhattan style. I'll explain in detail when we start in about a week to 10 days.

I am thinking of keeping the SW-30+ name as that is its beginning.

I have gotten email about the NE3040 version. I am not going to go through the exercise of putting the schematic on the web. The SW-30+ is a better starting point. We'll go back and look at options for doing toroid transformers for those that don't want IF cans (and I'm one of those, but I may change my mind) and other band pass circuits.

Here are some tentative mods to consider:

- 1 --- new front end receiver band pass for T1
- 2 --- Slight IF filter mod similar to what K8IQY did for the Iowa QRP-10A
- 3 --- RIT for the receiver
- 4 --- New band pass filter to replace T2 and T3

- 5 --- IF amplifier just before U3 to get more receiver gain
- 6 --- option to add one more crystal for those that want an even tighter IF, but I have no problems with the filter as it is
- 7 --- may be an AFA for frequency output and a iambic keyer on a 16F84 with source code available (Mode B only :-)

Just some preliminary ideas to toss around.

- 7 --- I am not interested in getting 5W out. A maximum of 2W output is fine and I am hoping to get some converts to milliwatt operating out of the deal. 30m is great for doing this.

The plan is after doing this simple xcvr then going on and go back to Dave's original NN1G Mark II which can be put on any band. I still use the old 20 meter version from time to time during some contests, etc. Good rig still. And I still kid Dave about the 10 MHz IF in that rig. Sometimes you don't need a clock on the desk. :-)

FYI

Chuck Adams, K7QO CP-60  
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

-----

Date: Mon, 09 Apr 2001 21:39:50 -0700  
From: Bob Welch <p326@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96059] Looking to buy  
Message-ID: <3AD28E96.F19A3848@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone who has purchased a "Vibroplex Code Warrior Junior" for less than \$99.95, which is what I am finding. If so could you let me know were?

Thanks,  
Bob

-----  
Date: Mon, 9 Apr 2001 22:35:40 -0700  
From: "Denis Englander" <ko6gf@slip.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [96060] Re: OT warning:: Computer geeky hardware question.  
Message-ID: <008f01c0c180\$14911140\$f1507fd8@sirus.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Allan,

You might try a multi-serial port box by SLINK.  
It has it's own high speed I/O card which sits in  
the server, then cable to the SLINK box. Then  
you plug in however many serial devices as there  
are plugs on the box...and you can use more than  
one box. (4, 8, 12, 16 ports/box). The software  
that comes with SLINK allows you to setup the  
user matrix. Great for using with dumb serial terminals  
or serial printers on a server.

(We use about 11 dumb terminals and 4 serial printers  
on our network this way. In order to further increase the  
speed of the SLINK system, I installed two sets of SLINK  
boxes, each with it's own SLINK I/O card in the server.  
This breaks up the work load per I/O card. Printers on  
one SLINK, dumb terminals on the other SLINK.  
The balance of our users are on an Ethernet network  
with desktop computers via NICs and Cat5 to a hub,  
which is connected to the server via Cat5 to a NIC.)

Of course, the more recent NIC card based networks  
through a hub are much faster than using serial via  
SLINK....but dumb terminals are cheap, and some  
of those older impact serial printers keep banging  
away. (Good for multi-part form impact printing rather  
than the ink or laser jets of today and their one page  
copy only.)

I have found that parallel port activity between a

server and a parallel printer is GREATLY enhanced by the use of an HPJetDirect print server. Using a NIC in the server, Cat5 cable from that NIC to the HPJD, then parallel printer cable from the one or many (depending on the model of the HPJD) parallel ports on the HPJD over to the one or many parallel printers. Again, the software provided with the HPJD in concert with the software on the server, allows for setting up the user matrix. So much quicker to hand the print jobs to the HPJD. Let it spoon feed the spooled files to the printers. Meanwhile, you get the full speed of the server back to the users. The "Spooler" was supposed to do that, but we all know that it doesn't quite make it! Especially with slower printers using chatty drivers. Too much CPU time.

Using NICs or SLINK as the first level of I/O is faster than serial, parallel, or USB. From there, the other devices do the work. The server CPU gets to spend time with the I/O requests from the users, and application processing, rather than babysitting an otherwise slow data stream.

Hope this helps...

72/73 de K06GF - Denis in SF

----- Original Message -----

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, April 09, 2001 10:06 AM

Subject: Re: OT warning:: Computer geeky hardware question.

> > So... can anyone help me find from any reasonable source a suitable  
> > card with perhaps 2 parallel ports and 4 serial ports? Or, can cards  
> > be paralleled? Any suggestions?  
> >  
> > 73 Allan K7GT  
> > Allan G Taylor

-----  
Date: Tue, 10 Apr 2001 00:39:43 -0500  
From: Darrel Swenson <k0awb@tcon1.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96061] ArkieCon



Message-ID: <3AD29C9E.5653A255@tconl.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just a short post to say thanks to Win, Kelsey, Jay and the rest of the gang from Ft. Smith for another great weekend. If you have never been to ArkieCon, make plans for next year. It is one of the best. Just plain old good southern hospitality, a lot of fun, and great people. I'll be back next year... I hope to meet you there.  
Darrel... K0AWB

-----  
Date: Tue, 10 Apr 2001 07:52:40  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: wa4chq@qsl.net, qrp-l@Lehigh.EDU  
Subject: [96062] Re: microphones  
Message-ID: <F222pHU2ykUTAgKTisH0000091e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>  
>Greetings-  
>I need a mic for my ht and would like to make rather than buy. Has  
>anyone on the list made one? Any advice or tips?'  
>Tnx- 72  
>Neil wa4chq

I don't use it with a radio, but I made my own some time ago for experimenting with DSP audio processing. I used an electret mic insert with a simple pre-amp. On maximum gain I can hear myself breathing from a couple of metres away! Noise-cancelling might be worth trying, with two mic inserts.

73, Leon

--  
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

-----

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Tue, 10 Apr 2001 03:52:12 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: FrConrad@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [96063] Re: ladder line in the rain. what goes  
Message-ID: <3AD2BBAC.E7231B8A@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

Why? Waxing twin lead, and by implication ladder line, was once considered the thing to do to reduce losses in snow and rain. I can remember reading about it when I was a kid.

73

-----  
Date: Tue, 10 Apr 2001 06:28:53 -0400  
From: "David Porter" <aa3ur@home.com>  
To: <lycott@fox.nstn.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96064] Re: Audio Oscillator using Sound Card  
Message-ID: <002c01c0c1a9\$0b2e6e80\$926e0941@jamison1.pa.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There is a simple sine wave generator at:  
<http://www.cc.jyu.fi/~jvkujala/gensine/>  
and a nice windows style sweep generator at:  
<http://www.programmersheaven.com/zone2/cat303/2750.htm>

David Porter  
aa3ur@home.com  
AA3UR

----- Original Message -----

From: "Bob Shaw" <lycott@fox.nstn.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, April 09, 2001 11:40 PM

Subject: Audio Oscillator using Sound Card

> I recall some programs including an audio oscillator program using the  
sound  
> card, but I cannot find these with Altavista. Does anyone recall the site  
> where these are stored?  
>  
> de Bob VE3SUY  
>

-----  
Date: Tue, 10 Apr 2001 06:35:52 -0400  
From: wb2vuo@juno.com  
To: qrp-1@lehigh.edu  
Subject: [96065] Re: ladder line in the rain. what goes  
Message-ID: <20010410.063619.-314161.1.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The first task I had as a Novice op during Field Day 1966 with the Radio  
Amateurs of Greater Syracuse was to Simonize (tm) the twin lead for Jack,  
W2WS, the club's premier CW op.

I was told that it not only made the line waterproof, but the electrons  
slipped through faster. Seeing that Jack regularly ran about 50 WPM he  
needed  
>>FAST << electrons, the faster the better!!!

Regardless of the reason, it was done and was even listed in the earlier  
ARRL Antenna books as a method of improving the water resistance of twin  
lead.

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp  
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY  
Section  
My night light runs more power than my Rig!!!  
Replies - <mailto:wb2vuo@arrl.net>

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Tue, 10 Apr 2001 07:50:05 -0300  
From: "Dave Marling" <dbm@klis.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96066] Re: microphones  
Message-ID: <005201c0c1ac\$02facb20\$ff2ffea9@master>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Some years ago I found an old CB microphone in good physical condition, removed the mic element and put a small speaker in its place. I drilled a small hole in the plastic body beneath the speaker opening and glued in an electret mic element. The speaker connected to the HT earphone jack and the mic thru the p-t-t switch to the tx audio input (using the microphone cord). My handheld accepted the electret with out modification so nothing extra was required.

VE1VQ

-----  
Date: Tue, 10 Apr 2001 08:14:44 -0400  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [96067] Antennas redux: just in time for the sparks  
Message-ID: <20010410.081643.-337221.0.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Venner!

Paa veien hjem igaar kveld, gikk jeg til Rogers . . . Ooops. Wrong hemisphere. Let's try that again . . .

On the way home last night, I stopped at Roger's to pick up some PL259 "turnarounds" so I could patch together my collection of RG8 so as to get the vertical hooked back up again. He had 'em cheap enough, so I bought 7 & went on my way happy. Well, not that kind of happy. The other kind of happy. Which meant that my next stop was Ande's Drive-Thru & Liqueur Store.

I had to go there 'cause Cindy drank the last of my svenska vodka & I figured that I'd get her a small bottle & me a big 'n. Which I did. But while lookin' over the selection of bottle sizes (they had the ones I

wanted for Cid stashed behind the counter, them bein' small & easily hid & all that), I discovered a bottle of akvavit. Danish akvavit. The stuff that was invented to wash the taste of lutefisk out of yer mouth. Or to use the lutefisk to wash the taste of akvavit outta yer mouth. Whatever.

So I bought Cid's bottle of vodka, my bottle of vodka & a bottle of the danske akvavit. Which hadn't been circumnavigated quite yet I think, judgin' from the taste of it when I got home. Andy said it smelled like alcohol & some kind of perfume. Well, duh, sure it does. It's got karve (carroway) in it, fer cryin' outta the barrel full of lutefisk.

Then I hosed up the verticle with all my different chunks of feed line & check it out. Prefecto matcho, dudes & dudesses. Now I have a bottle of vodka, a bottle of danske akvavit & a 40m antenna without havin' the tuner on it.

Then came the hail fallin' in the yard & all that as the first of two big storms clambered through. Had the antennas unplugged & was just gettin' ready to sit down to chow & medication time. So afterwards I checked the antenna again with the K2's S-meter (which is a lot faster than the '2020's) and both the dipole with 300 Ohm twin lead & the LDG tuner versus the vertical without any tuner gave me the same s-meter readings on the 7248 gang. Maybe later I'll try some trashmission tests to see if there's a perceptible difference that way.

So then I crashed & fell asleep only to be woke up around 11 p.m. 'cause they'd issued a tornado warning for the area north & south of us & Cindy didn't want me to be swept away in the wind. Half an hour later I went back to bed wide awake. Next time I'll find some lutefisk.

Now forward! To the comparison trashmissions!

73

Nils

. . . and the vertical survived the big winds that came with the hail & all that. Must be the double wall aluminum I put on it to keep it from bein' all bent-up looking.

-----  
Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes  
Sonrientes

<http://w8ijn.www6.50megs.com> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!

--- Comrade Nikolai Sergeevich McTovarishov

-----  
GET INTERNET ACCESS FROM JUNO!

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Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 10 Apr 2001 07:23:25 -0500  
From: Dave Redfearn <n4elm@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Ten Tec mailing list  
<tentec@contesting.com>  
Subject: [96068] FS: Ten-Tec Argonaut 515 & 208A filter  
Message-ID: <3AD2FB3D.374342EC@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Still For Sale:

Ten-Tec Argonaut 515

80 - 10 Meter SSB/CW QRP Transceiver  
Serial # 515-0195, 2 - 5 watts output, Analog PTO, Superhet RX with 2.4  
KHz crystal filter, RIT, RF gain  
Comes with Ten-Tec 208A combination CW audio and Notch filter.  
This 515 is in fair condition cosmetically. There are no major dents or  
dings but there are several minor scratches and the paint has flaked off  
in several small areas mainly on the top and rear of the case of both  
the 515 and 208A. Electrically the 515 is in very good condition,  
everything works. No mods or extra holes, everything is original.

The 515 comes with 208A, DC power cord, and photocopy of manual.

Asking \$325.00 + packing, shipping, & insurance from TX.

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Tue, 10 Apr 2001 06:50:07 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96069] Another X class flare at 0526z 10-Apr  
Message-ID: <0E16afa6rbmNmgHvnRQ00001432@hotmail.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

X-Ray event X2.3/3b/s23w09 BEG 10 Apr 2001 0506 MAX 10 Apr 2001 0526  
END 10 Apr 2001 0542 UT  
Comment: None

Now, how does I go about determining whether or not the after affects,  
if any (CME), will be Geo effective for us?

73, Rod N0RC  
Ft Collins CO

-----  
Date: Tue, 10 Apr 2001 09:07:41 -0400  
From: ed.kwik@delphiauto.com  
To: qrp-1@Lehigh.EDU  
Subject: [96070] Michigan QRP Net  
Message-ID: <05256A2A.00483946.00@uskokg99.delcoelect.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

The Michigan QRP Net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz. It looks like Spring has finally sprung with thunderstorms East, South, and West of us. Should be quite noisy tonight. Remember it is best to disconnect and ground your antennas when not in use.

Ed AB8DF

-----  
Date: Tue, 10 Apr 2001 07:24:57 -0600  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
To: <p326@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96071] Re: Looking to buy  
Message-ID: <007701c0c1c1\$a3c32ce0\$316b6e80@ced.utah.edu>

At the risk of starting a stampede, check out  
<http://www.visradio.com/cata/vib.htm> They usually have a few in stock at 93.95 plus shipping. I got mine there. It came very quickly, and was double boxed.

Really great little key. Little trickier than some to set up, but it seems to stay where you set it.

No affiliation with this vendor--just think they are good people to deal with.

Bruce kk7zz

----- Original Message -----

From: "Bob Welch" <p326@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, April 09, 2001 10:39 PM

Subject: Looking to buy

> Has anyone who has purchased a "Vibroplex Code Warrior Junior" for less  
> than \$99.95, which is what I am finding. If so could you let me know  
> were?  
>  
> Thanks,  
> Bob  
>

-----  
Date: Tue, 10 Apr 2001 08:28:35 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: n0rc@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [96072] Re: Another X class flare at 0526z 10-Apr  
Message-ID: <3AD30A82.61EC554A@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Rod Cerkoney wrote:

>  
> Now, how does I go about determining whether or not the after affects,  
> if any (CME), will be Geo effective for us?

I've found that these folks at Spaceweather.com normally have some comment on their web site about whether a CME is likely to be geo effective, be a glancing blow, or miss us entirely. Usually you can find something within eight hours or so of the flare.

They also provide probabilities of different levels of geomagnetic storm activity at mid latitudes and high latitudes.



<http://SPACEWEATHER.COM/>

73 de Dave, NOIT

-----  
Date: Tue, 10 Apr 2001 09:52:00 -0400  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: "'Howard Weinstein'" <k3hw@yahoo.com>  
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [96073] RE: M.RE: National Submarine Day  
Message-ID: <000101c0c1c5\$6afda620\$df0cf618@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Hal:

I cannot locate the latest information (next week I've got to get organized), buyt here's what I have from last year:

The Submarine Veterans Amateur Radio Association will activate submarine radio rooms in late April to commemorate the 100th anniversary of the US Navy submarine service. Upwards of 25 museum submarines in the US and overseas are expected to be on the air with volunteer operators the weekend of April 28-29.

Stations will operate CW and SSB at or around 3504.3, 3943, 7043, 7243, 14,043, 14,243, 21,043, 21,143, 21,343, 28,043, 28,343, 50,043 and 50,143 kHz, plus or minus 20 kHz. (A 160-meter frequency will be determined.)

Vy 73, AI2Q, Alex   .-.-.

-----Original Message-----

From: Howard Weinstein [mailto:k3hw@yahoo.com]  
Sent: Monday, April 09, 2001 6:01 PM  
To: ai2q@adelphia.net  
Subject: Re: M.RE: National Submarine Day

Alex  
When is this event???  
Hal K3HW  
former RM1(SS)  
SSN-687, SSN-650, SS-555

--- AI2Q Alex <ai2q@adelphia.net> wrote:  
> I hope to be on the air with the ORIGINAL equipment that I've restored on  
> the USS Albacore from Portsmouth, NH. Until we get our new callsign that  
> mimics the ship's original, we'll be under the Port City ARC's call W1WQM.  
>  
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.  
>  
>  
>  
> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of  
> David Hurley, n2zhy  
> Sent: Monday, April 09, 2001 8:22 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: OT: National Submarine Day  
>  
>  
> Bob/kc2aio and I will be operating from the USS Becuna on Wednesday  
> April 11th, National Submarine Day. The Becuna is a WW2 museum ship  
> docked on the Philadelphia waterfront.  
>  
> Bob served aboard a similar boat, the Guavina, in the Pacific theater  
> during WW2 and transferred some rescued flyers to the Becuna during one  
> mission.  
>  
> We will operate from 1000 to 1500hrs local time.  
> Callsign is KC2AIO and Bob's qsl card will be sent.  
> We will operate CW only.  
> Bands will be 40, 20 and maybe 10 meters.  
> Look for us 43khz up from the bottom of the cw band.  
> Also check the qrp frequencies:  
> 7.040, 14.060 and maybe 28.060  
>  
> David Hurley, n2zhy  
> Bob Straub, kc2aio  
>

-----  
Do You Yahoo!?  
Get email at your own domain with Yahoo! Mail.  
<http://personal.mail.yahoo.com/>

-----  
Date: Tue, 10 Apr 2001 09:52:13 EDT

From: K4NK@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96074] For Sale Books etc.  
Message-ID: <37.1365751a.28046a0d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have a large number of tech. books and CD,s I would like to offer here on the QRP-L to QRPers first. I need the room in my book case for my study books. As some of you may know I have been in school to become a Methodist Pastor , I get my first church this june and really need to weed things out kits and all. Thanks

Les K4NK

No. 1 ARRL hand books 1968 , 1969, 1970,1972, 1973, 1976. Soft covers in good condx.....\$7.00 each plus \$3.00 shipping

No. 2 ARRL CD's new wrapped never opened  
QST NCJ/QEX 1995 8.00 each plus \$2.00 shipping  
QST NCJ/QEX 1996  
QST NCJ/QEX 1997  
QST NCJ/QEX 1998  
QST NCJ/QEX 2000

No. 3 ARRL QEX collection on CD 1981 thru 1998 20.00 plus 2.00 shipping

No. 4 BOOK 101 ways to use your Ham test equipment very good condx. \$5.00

More each day ...whats left goes to E-bay ...thanks

-----  
Date: Tue, 10 Apr 2001 10:05:51 -0400  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <lycott@fox.nstn.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96075] Re: Audio Oscillator using Sound Card  
Message-ID: <00c401c0c1c7\$f99f6740\$bbc83004@dbw11main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,  
You can get an audio oscillator and more (actually a full featured function

generator) from NCH Swift Sound at <http://www.nch.com.au>  
Look in their Business Audio Software section, then go to "More Software"  
and find the "Tone Generator" on that page.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page: <http://www.qsl.net/w3fpr/>  
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Bob Shaw" <[lycott@fox.nstn.ca](mailto:lycott@fox.nstn.ca)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Sent: Monday, April 09, 2001 11:40 PM  
Subject: Audio Oscillator using Sound Card

> I recall some programs including an audio oscillator program using the  
sound  
> card, but I cannot find these with Altavista. Does anyone recall the site  
> where these are stored?  
>  
> de Bob VE3SUY  
>  
>  
>

-----  
Date: Tue, 10 Apr 2001 09:18:47 -0500  
From: "Kevin Muenzler, WB5RUE" <[wb5rue@arrl.net](mailto:wb5rue@arrl.net)>  
To: <[n0rc@hotmail.com](mailto:n0rc@hotmail.com)>, "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [96076] Re: Another X class flare at 0526z 10-Apr  
Message-ID: <000801c0c1c9\$291b82f0\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Check out [http://www.sec.noaa.gov/rt\\_plots/dregion.html](http://www.sec.noaa.gov/rt_plots/dregion.html) for a near real-time  
estimate of D-layer absorption. As of right now (14:17z) it's pretty quiet

73/

Kevin, WB5RUE

----- Original Message -----

From: "Rod Cerkoney" <[n0rc@hotmail.com](mailto:n0rc@hotmail.com)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Sent: Tuesday, April 10, 2001 7:50 AM

Subject: Another X class flare at 0526z 10-Apr

> X-Ray event X2.3/3b/s23w09 BEG 10 Apr 2001 0506 MAX 10 Apr 2001 0526  
> END 10 Apr 2001 0542 UT  
> Comment: None  
>  
> Now, how does I go about determining whether or not the after affects,  
> if any (CME), will be Geo effective for us?  
>  
> 73, Rod N0RC  
> Ft Collins CO

-----  
Date: Tue, 10 Apr 2001 09:20:19 -0500  
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>  
To: qrp-l@lehigh.edu  
Subject: [96077] HB - DSW tuning software  
Message-ID: <3.0.1.32.20010410092019.00804870@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Bill Mabry's (N4QA) programs for tuning the DSW series transceivers via a PC are now available (with his permission, of course) for download from my web page

<<http://www.qsl.net/n5ib>>

72  
Jim N5IB

-----  
Date: Tue, 10 Apr 2001 07:24:21 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [96078] Re: Audio Oscillator using Sound Card  
Message-ID: <3AD31795.6F72D51C@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Still one of the best (and most complete) collections of sound

card software can be found at Oliver Welp's web page at:

<http://www.muenster.de/~welp/sb.htm>

The test gear from Bip Labs is very good and includes a very nice Sine Wave Generator.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Tue, 10 Apr 2001 11:34:05 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [96079] Re: PSK31 Warbler Kit Build #4  
Message-ID: <000001c0c1d4\$b0d3ec40\$2ca6accf@ghlpt4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

We're shipping from stock now and all those listed in the "Pending Orders" list are in the process of making their way to the mail box. So you should see them shortly.

We won;t be keeping such a Pending Orders list in the future ... just too much time and effort. Just as the web page says, "delivery is 2-4 weeks ARO".

Thanks for continued support.

73, George N2APB  
for the NJQRP Club at <http://www.njqrp.org>

-----  
Date: Tue, 10 Apr 2001 15:45:29  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [96080] Re: Audio Oscillator using Sound Card  
Message-ID: <F167eX4yuLmsZhNfv570000326d@hotmail.com>  
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Bob VE3SUY wrote:

>I recall some programs including an audio oscillator  
>program using the sound card, but I cannot find these  
>with Altavista. Does anyone recall the site where  
>these are stored?

Please also consider writing your own. There's very  
little to it: you're doing exactly the same thing, in  
software, that DDS chips do in hardware.

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89mg                    pied a terre..."  
ICBM: 49 15.042 N 122 59.053 W       - Hospital/Shafte

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Tue, 10 Apr 2001 10:11:14 -0600  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
To: <marsgal42@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [96081] Re: Audio Oscillator using Sound Card  
Message-ID: <011f01c0c1d8\$dea62120\$316b6e80@ced.utah.edu>

----- Original Message -----  
From: "laura halliday" <marsgal42@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, April 10, 2001 3:45 PM  
Subject: Re: Audio Oscillator using Sound Card

> Bob VE3SUY wrote:  
>  
> >I recall some programs including an audio oscillator  
> >program using the sound card, but I cannot find these  
> >with Altavista. Does anyone recall the site where  
> >these are stored?  
>  
> Please also consider writing your own. There's very  
> little to it: you're doing exactly the same thing, in  
> software, that DDS chips do in hardware.

or, maybe you could build an audio oscillator with an op amp and a light bulb, and save your computer for some other task....like simulating disfunctional families and obnoxious neighbors (as computer games go the Sims is one of the more "interesting", and it goes slow enough that hand-to-eye challenged players can keep up.)

Sorry, for starying so far OT, but I can really relate to those crazy, disfunctional people inside my computer...and I can build real fine audio oscillators with just a few analog parts.

Bruce kk7zz

```
>
> Laura Halliday VE7LDH      "Que les nuages soient notre
> Grid: CN89mg                pied a terre..."
> ICBM: 49 15.042 N 122 59.053 W      - Hospital/Shafte
>
>
> -----
> Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.
>
```

```
-----

Date: Tue, 10 Apr 2001 12:42:16 -0400
From: "Russ Hines" <wb8zcc@one.net>
To: <fantbb@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96082] Re: High losses on ladder line and twin lead?
Message-ID: <003301c0c1dd$36e849e0$032417d8@rbhines>
MIME-Version: 1.0
Content-Type: text/plain;
      charset="iso-8859-1"
Content-Transfer-Encoding: 8BIT
```

I think the statement was, the losses were lower than with coax. Somebody check me.

73,  
Russ Hines  
WB8ZCC  
wb8zcc@one.net  
wb8zcc@arrl.net

```
----- Original Message -----
From: Jeff <fantbb@yahoo.com>
```



To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Monday, April 09, 2001 8:54 PM  
Subject: High losses on ladder line and twin lead?

> I also saw Joe's article on the 80 meter squirt antenna and he said the  
> loss on the twinlead was 7db! That surprised me quite alot as past  
> articles I have read on twinlead said the losses were low at high SWRS.  
>

-----  
Date: Tue, 10 Apr 2001 08:36:08 -0700  
From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>  
To: <qrp-1@lehigh.edu>  
Subject: [96083] Question: General license / callsign options  
Message-ID: <sad2d693.094@mail.narbha.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

For you upper classmen out there, I need some interpretation please. I've =  
been researching this subject but can't find anything definitive on the =  
web. I'm upgrading to General this weekend and have the choice of changing =  
my callsign. I currently have a 2x3 callsign. Will I be assigned a 2x2, or =  
another 2x3 or what? Providing I check the box for change of callsign. If =  
I keep the 2x3 and work General bands, will the Generals & Extras try to =  
police me? I wouldn't mind keeping my callsign; it spells a real word and =  
A-I-R has a nice dit-dah pattern. However, I don't want to have to qualify =  
my 2x3 when I work the bands with the big boys. THX!

Patrick KC7AIR (Tech+)  
Kingman, AZ

-----  
Date: Tue, 10 Apr 2001 17:02:06  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [96084] Re: Audio Oscillator using Sound Card  
Message-ID: <F255wri5DpAR4nPPu10000032cf@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Bruce Kizerian <kizerian@ced.utah.edu> wrote:

>or, maybe you could build an audio oscillator with an op  
>amp and a light bulb, and save your computer for some  
>other task....like simulating disfunctional families and  
>obnoxious neighbors...

>(snip)

>...I can build real fine audio oscillators with just a  
>few analog parts.

Absolutely true. However, people seem to get huffy when asked questions like "why?" and "what for?", so I no longer ask. If somebody wants to use their computer for such things, I won't argue.

Laura Halliday VE7LDH       "Que les nuages soient notre  
Grid: CN89mg                   pied a terre..."  
ICBM: 49 15.042 N 122 59.053 W       - Hospital/Shafte

---

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Tue, 10 Apr 2001 10:06:59 -0700  
From: "Dave Fifield" <ad6a@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96085] FS: Brand New, Unopened, Alpha 87A HF Amp  
Message-ID: <002701c0c1e0\$ac358e80\$0600a8c0@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have for sale a brand new, unopened Alpha 87A HF amplifier, still in the manufacturer's shipping cartons. Will sell for list price \$5987, buyer will be given the 10m enable code, buyer to either collect or pay shipping at cost. If you were after one of these beautiful amps, here's your chance to short-circuit the loooong wait time.

How is this QRP related you ask? Well, if I sell the amp, then I won't be able to go QRO with it and will have to stick to QRP! #8-]

No, seriously, I bought two of these amps (I do occasionally turn up the wick when I want to bust

a pile up!) when I wasn't thinking straight at the end of last year, just before they went out of production, but I need the money now, and I don't really need two amps!

Cheers m'dears es 72,  
Dave Fifield, AD6A

-----  
Date: Tue, 10 Apr 2001 10:03:46 -0700  
From: <schoon@amgt.com>  
To: <qrp-1@Lehigh.EDU>, <mcveyp.MOHAVE@narbha.com>  
Subject: [96086] RE: Question: General license / callsign options  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BDC-010410170346Z-54@ag-basalt-pxy.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Patrick,

Well, I've gone from Novice through Extra class over the last 18 years, and still hold my original call. I'm turning a whopping 34 this week, and I can tell you from first hand experience, my callsign was never a hindrance. I think most hams will look at the skill you operate with and not the callsign being used. Now, if you are a diehard contestor or dxer, you may find having a shorter callsign a benefit in the contest/pilups, etc. It's just quicker to send... Also, if you have plenty of QSL cards, personal business cards with your callsign on it, plates for your vehicle, etc - changing callsigns might be a royal pain and cost come \$\$\$ at the local department of motor vehicles.... That's why I kept mine so long...

HTH & 72

.mark

>-----  
>From: Patrick McVey[SMTP:mcveyp.MOHAVE@narbha.com]  
>Sent: Tuesday, April 10, 2001 8:36 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Question: General license / callsign options  
>  
>For you upper classmen out there, I need some interpretation please. I've  
>been researching this subject but can't find anything definitive on the web.

>I'm upgrading to General this weekend and have the choice of changing my  
>callsign. I currently have a 2x  
>3 callsign. Will I be assigned a 2x2, or another 2x3 or what? Providing I  
>check the box for change of callsign. If I keep the 2x3 and work General  
>bands, will the Generals & Extras try to police me? I wouldn't mind keeping  
>my callsign; it spells a real wo  
>rd and A-I-R has a nice dit-dah pattern. However, I don't want to have to  
>qualify my 2x3 when I work the bands with the big boys. THX!  
>Patrick KC7AIR (Tech+)  
>Kingman, AZ  
>  
>  
>  
>

-----  
Date: Tue, 10 Apr 2001 13:07:14 -0400  
From: hamjoel@juno.com  
To: mcveyp.MOHAVE@narbha.com, qrp-1@lehigh.edu  
Subject: [96087] Re: Question: General license / callsign options  
Message-ID: <20010410.130717.-294377.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Patrick

with all the different calls in all the different places today, I  
doubt if that would be a problem for you... give ur call and geaux.. if  
someone has questions... they can mail, email, or check the web to verify  
or better yet, maybe they will "get a life"

perhaps some will even do u a favor by "not answering" ur call...  
relax and have fun... u lilke ur call sign... then keep it... and don't  
defend ur self on the air.... ur legal and u kneaux it... u don't need  
to spend ur time defending urself to sick people...u only reinforce their  
illness by doing this...

in the meantime enjoy ur qrp wherever u can legally operate...  
have fun... build sumthin...  
kella joel  
in maine

-----  
GET INTERNET ACCESS FROM JUNO!  
Juno offers FREE or PREMIUM Internet access for less!  
Join Juno today! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Tue, 10 Apr 2001 10:26:25 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: qrp-l@lehigh.edu  
Subject: [96088] Re: Question: General license / callsign options  
Message-ID: <20010410102624.B4567@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Tue, Apr 10, 2001 at 08:36:08AM -0700, Patrick McVey wrote:  
> For you upper classmen out there, I need some interpretation please.  
> I've been researching this subject but can't find anything definitive  
> on the web. I'm upgrading to General this weekend and have the choice  
> of changing my callsign. I currently have a 2x3 callsign. Will I be  
> assigned a 2x2, or another 2x3 or what? Providing I check the box for  
> change of callsign. If I keep the 2x3 and work General bands, will  
> the Generals & Extras try to police me? I wouldn't mind keeping my  
> callsign; it spells a real word and A-I-R has a nice dit-dah pattern.  
> However, I don't want to have to qualify my 2x3 when I work the bands  
> with the big boys. THX! Patrick KC7AIR (Tech+) Kingman, AZ  
>

Patrick,

The General class is in the same category as Technician for  
callsigns--eligible for a 1x3. However, since the pool of these was  
exhausted several years ago, you received a 2x3 call. If you check the  
box, you will be assigned a different 2x3 call.

You could apply for a vanity call and pick up one of the previously  
issued 1x3 calls which is no longer in use.

There are plenty of 2x3 calls in the General parts of the bands, even a  
few in the Advanced and Extra segments. No problem unless you run into  
a real bozo.

72, Bob

--

Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S

nielsen@oz.net  
<http://www.oz.net/~nielsen>

-----

Date: Tue, 10 Apr 2001 11:07:36 -0700 (PDT)  
From: Stan Yarema <bg783@scn.org>  
To: Bob Shaw <lycott@fox.nstn.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [96089] Re: Audio Oscillator using Sound Card  
Message-ID: <Pine.SUN.3.96.1010410105656.22916B-100000@scn>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have one of the sound card programs that someone suggested but needed the 'big' computer to copy PSK31 while I supplied an idler signal to the transmitter. My solution was to use my QRP computer to make the two-tone PSK input signal.

The QRP computer is a VIC-20 (5 watts in) with a D>A converter at the user port. I programmed the phase accumulator in assembly and the whole thing took 324 bytes including the 256 byte sine lookup table. It can do dual tones at about 14 KHz sample rate. Single tones are quicker at 25 KHz.

BTW - the basic stamp already knows how to do this. It's a QRPP solution.

Why do I still use a VIC-20 ?? It can boot up, do most of the simple jobss it is good for and shut down faster than my Pentium can boot Win98.

72 ..... Stan, K7SY

-----  
Date: Tue, 10 Apr 2001 13:11:21 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <agtaylor@llnl.gov>  
Cc: <qrp-l@lehigh.edu>  
Subject: [96090] Re:ladder line in the rain. what goes  
Message-ID: <002501c0c1e9\$a55d26a0\$4e100a0a@rohredt2000>

Well, I certainly was thinking of voltage breakdown due to the moisture. Arcing and other corona are a terrible think to see and hear at QRO. Another reason to run QRP, it is easier on the ears, :-)

We have so much lightning together with rain here, I never transmit in rain. There was a ham here who had a lightning hit, although the only amount of thunder he was hearing after seeing lightning, indicated it was 5 miles away by the sound delay. As a weatherman pointed out in Skywarn school later, a lightning bolt can be 10 miles long, and does not have to come down vertically. Caution to the wet day operations!

72, Stuart K5KVH

-----  
Date: Tue, 10 Apr 2001 11:48:30 -0700  
From: <schoon@amgt.com>  
To: <bg783@scn.org>, <qrp-1@Lehigh.EDU>  
Subject: [96091] RE: Audio Oscillator using Sound Card  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BDC-010410184830Z-73@ag-basalt-pxy.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

And I bet you have that way cool cassette storage device!! Man, mowed lawns for an entire summer in 1982 to buy one of these. It looked great all plugged into my HT-32B as a memory keyer - where I had to type the entire program in everytime I had to power down or do something else!!

>-----  
>From: Stan Yarema[SMTP:bg783@scn.org]  
>Sent: Tuesday, April 10, 2001 11:07 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Audio Oscillator using Sound Card  
>  
>I have one of the sound card programs that someone suggested but needed  
>the 'big' computer to copy PSK31 while I supplied an idler signal to the  
>transmitter. My solution was to use my QRP computer to make the two-tone  
>PSK input signal.  
> The QRP computer is a VIC-20 (5 watts in) with a D>A converter at the  
>user port. I programmed the phase accumulator in assembly and the whole  
>thing took 324 bytes including the 256 byte sine lookup table. It can do  
>dual tones at about 14 KHz sample rate. Single tones are quicker at 25  
>KHz.  
> BTW - the basic stamp already knows how to do this. It's a QRPp  
>solution.  
> Why do I still use a VIC-20 ?? It can boot up, do most of the simple  
>jobss it is good for and shut down faster than my Pentium can boot Win98.  
>  
>72 ..... Stan, K7SY  
>  
>  
>  
>  
>

-----  
Date: Tue, 10 Apr 2001 14:34:42 -0500  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [96092] X2 Flare and resulting CME  
Message-ID: <3AD36051.2BBD1037@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Attached is info from Spaceweather.com describing the X2 flare that N0RC mentioned this morning. It also discusses the resulting CME. They forecast 25% chance of SEVERE geomagnetic storm at middle latitudes beginning late Wednesday or Thursday.

=====

X-FLARE: Tuesday morning at 0525 UT (0125 am EDT), sunspot 9415 unleashed another powerful X-class solar flare -- the third such explosion from 9415 this month. Today's X2-class event triggered a hour-long radio blackout across much of our planet's Eastern hemisphere. An S1-class solar radiation storm is still in progress.

HERE COMES THE SUN: Tuesday's explosion also hurled a coronal mass ejection (CME) toward Earth. That makes two CMEs from AR9415 currently en route for our planet. The first CME left the Sun on Monday at 1535 UT (11:35 am EDT) following an M8-class flare. Forecasters estimate a 25% chance of severe geomagnetic storms at middle latitudes beginning late Wednesday or Thursday when the expanding clouds arrive.

-----  
Date: Tue, 10 Apr 2001 13:47:11 -0600  
From: "Rod Cerkoney" <n0rc@hotmail.com>  
To: "Dave Sjolín" <sjolin@swbell.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [96093] Re: Another X class flare at 0526z 10-Apr  
Message-ID: <0E672UAaTzvb5YI9IJs00002535@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,



Thanks for the response. I am familiar spaceweather.com but the info there is post processed data. I'm looking for real time raw data.

<http://www.sec.noaa.gov/today.html> and  
[http://www.sec.noaa.gov/rt\\_plots/dregion.html](http://www.sec.noaa.gov/rt_plots/dregion.html) and other SEC sites are pretty good. But when I see a flare event, for example, where/how can I determine what sunspot region it occurred on and the direction WRT to Earth any CME or other particle event?

73, Rod N0RC  
Ft Collins CO

----- Original Message -----

From: "Dave Sjolín" <[sjolin@swbell.net](mailto:sjolin@swbell.net)>  
To: <[n0rc@hotmail.com](mailto:n0rc@hotmail.com)>  
Cc: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Sent: Tuesday, April 10, 2001 07:28 AM  
Subject: Re: Another X class flare at 0526z 10-Apr

> Rod Cercone wrote:  
> >  
> > Now, how does I go about determining whether or not the after  
affects,  
> > if any (CME), will be Geo effective for us?  
>  
> I've found that these folks at Spaceweather.com normally have some  
...  
>  
> <http://SPACEWEATHER.COM/>  
>

-----  
Date: Tue, 10 Apr 2001 13:33:18 -0700 (PDT)  
From: [agrtaylor@llnl.gov](mailto:agrtaylor@llnl.gov)  
To: [mcveyp.MOHAVE@nabha.com](mailto:mcveyp.MOHAVE@nabha.com)  
Cc: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [96094] Re: Question:General license / callsign options  
Message-ID: <200104102033.NAA14564@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

Well, I beg to differ with some of the opinions stated. Yes, callsigns DO matter. A call with too many characters beginning with dots, or too many dots in general, is a real hindrance to intelligibility on CW when

DXing. I know. I have had it both ways. Trust me. I very carefully selected the list of calls I submitted back in 1977 (when extras could apply for an unissued 1X2 or 2X1 call). I got K7GT, as you may well have figured out, and it turns out to be a great call for CW DXing. What happens in DX chasing is this: your signal over there will be hashed up by propagations conditions, often including flutter. With dots in the call, it is hard to tell what was really being sent! Even with high power, it can be a problem. Operating from a class station in the 2000 ARRL DX test, enough ops couldn't get the call being sent that it was a source of irritation. The call was W1HIJ. Being in CA using a W1 call was one part of the problem, the other was that it begins EVERY character with a dot! That call was used because the fellow who set up the entry has it as his call, sentimental reasons for his choice. But it is not very good in the heap!

A local friend recently got a 1X3 call as a vanity call. He's a general, too. His new call is K6TTM while the original call was KE6HDS. He gained a lot with the change.

For QRPing, having an easily copied call also matters. You are down in the noise for most of the stations you will be trying to work. Choose a good call. Note that Chuck dropped out all characters beginning with dots (K7QO...) Think about it.

If you plan to eventually do more ssb work than cw, different issues enter in. Vs Ds and Bs are almost indistinguishable by voice. Ms and Ns are similar. In the little bit of voice operating I have done in contests, I find myself hoping they will drop into CW so I can get the call right!!

73 Allan K7GT ! ! !

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Tue, 10 Apr 2001 16:36:18 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>, <fpqrp-l@fpqrp.com>  
Subject: [96095] Toroidal Experiment  
Message-ID: <007401c0c1fd\$e58bb980\$7ecd1b41@cinci.rr.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

As on outgrowth of the Flying Pig Club project,  
the MP20 XCVR, <http://www.fpqrp.com/pigg20/> ,  
I've decided to dabble in a little web commerce.  
If this works out, I'll expand upon the offerings  
to include other parts and hopefully some kits.

What I'm pushing are RF TOROIDS, and more rf toroids.  
I hope to have a good stock to include all common and  
some not-so-common RF toroids. Next time ya'all need  
some of those little round life-saver gadgets, please  
check out my site at <http://www.kitsandparts.com>

tnx for your attention

PS: I ain't gettin rich on this stuff :-)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FPqrp#-1 <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

-----  
Date: Tue, 10 Apr 2001 15:44:41 -0500  
From: "Stuart Rohre" <[rohre@arlut.utexas.edu](mailto:rohre@arlut.utexas.edu)>  
To: <[FrConrad@aol.com](mailto:FrConrad@aol.com)>  
Cc: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [96096] Re: ladder line in the rain. what goes  
Message-ID: <003801c0c1ff\$1171b620\$4e100a0a@rohredt2000>

John,

Now this waxing is a true help! It is the same principle as using Rain X on  
a glass windshield, a coating that sheds and does not allow water to stand,  
but to run off, lessening the moisture effects. Now, it will not do  
anything for the humidity of the air spaces in the ladder line "windows".  
It will also help the ladder line last in sun by retarding the drying out of  
the volatiles in the plastic. (This would help coax outer jackets as well.)

Note, I greatly discourage operating in the rain because of related

lightning. But, some areas have so much rain, and light rain, that you would have to operate some of the time with wet feedline.

Such was the case when I was in 9M2, two years of operating around the daily rain, except for rainy season when it was TWICE daily rain!  
73, Stuart K5KVH

-----  
Date: Tue, 10 Apr 2001 16:32:06 -0400  
From: "ZOOM" <kandrparker@sympatico.ca>  
To: <wb2vuo@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [96097] Re: ladder line in the rain. what goes  
Message-ID: <002301c0c1fd\$70216fa0\$3294fea9@robertpa>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Perhaps twin lead is damaged by the sun due to ultraviolet rays and in time, deterioration causes problems when the humidity increases as in rain. It would make sense then using a UV protection such as in car wax would improve the situation.

Ever remember the time you had ignition problems in the rain? Deteriorated plug cables. Spray some silicon spray on them and you can go for a while longer. Yes I know not the exact situation as in having ladder line in the sun but the concept of coating the wire is the same.

Cheers,  
Robert  
VE3RPF

-----  
Date: Tue, 10 Apr 2001 16:49:41 -0400  
From: Jake Brodsky <frussle@erols.com>  
To: qrp-1@lehigh.edu  
Subject: [96098] Re: Question: General license / callsign options  
Message-ID: <7qq6dt8qpkih0hqu70af695softloan1dq@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

On Tue, 10 Apr 2001 08:36:08 -0700, Patrick KC7AIR wrote:

(reformatted)

>For you upper classmen out there, I need some interpretation please.  
>I've been researching this subject but can't find anything definitive  
>on the web. I'm upgrading to General this weekend and have the choice  
>of changing my callsign. I currently have a 2x3 callsign. Will I be  
>assigned a 2x2, or another 2x3 or what? Providing I check the box for  
>change of callsign. If I keep the 2x3 and work General bands, will  
>the Generals & Extras try to police me? I wouldn't mind keeping my  
>callsign; it spells a real word and A-I-R has a nice dit-dah pattern.  
>However, I don't want to have to qualify my 2x3 when I work the bands  
>with the big boys. THX!

Naw. Nobody of any consequence will "police" you. (meaning that if they do "police" you they are of no consequence ;-)

To me, the main motivating factor was the length of my old call. I used to go to sleep sending WA3ZOQ. When I upgraded to Extra just a couple years later I finally broke down and got a new call. It is much shorter to send on CW, but the rhythm still leaves something to be desired. =20

If you like your call and the rhythm it has on CW (which ain't bad, I might add) then keep it. =20

I used to know an Extra licensee who liked his old novice call (back when all novices had a WN or KN prefix). So when he finally got his Extra ticket, he requested his old novice call back. These days it's no big thing if someone has a WN or KN prefix, but back then, there were W's, K's, WA's, a very few KA's and a small smattering of N's and that was it. The prefix did get noticed and it was worth a few laughs on the air.

73,

Jake Brodsky, AB3A <mailto:frussle@erols.com>  
"Beware of the massive impossible!"

-----

Date: Tue, 10 Apr 2001 15:59:42 -0500  
From: "Stuart Rohre" <[rohre@arlut.utexas.edu](mailto:rohre@arlut.utexas.edu)>  
To: <[PTSMANTUA@aol.com](mailto:PTSMANTUA@aol.com)>  
Cc: <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [96099] RG 179 coax  
Message-ID: <006001c0c201\$2a826b80\$4e100a0a@rohredt2000>

That is a miniature 75 ohm teflon coax, 19.5 pf per foot. 95% shield

coverage, (Good!). 900 volts rated.

However, it is 0.063 diameter, and as such has higher losses than large 75 ohm 1/2 inch coax such as RG 11.

But, it may be better than RG 174 in the loss dept. The Belden catalog page I am looking at does not show attenuation vs. freq.

--Stuart K5KVH

-----  
Date: Tue, 10 Apr 2001 16:06:50 -0500

From: "Stuart Rohre" <rohre@arlut.utexas.edu>

To: <qrp-l@lehigh.EDU>

Subject: [96100] Rg 179 atten. (Large) Comparisons of types of coax vs. uses

Message-ID: <006601c0c202\$29603d30\$4e100a0a@rohredt2000>

1 MHz it is 3 dB, that is half your power!

At 50 MHz it is 10.5 dB.

That is for the product from Storm Products cable co. whose web page was posted. (Thanks!)

73,

Stuart K5KVH

Most coax smaller than 1/4 inch, and even the familiar RG 58, are fairly lossy in any length. Thus, if needing more than the amount to go from rig in the car to the bumper, I do not suggest it as a suitable cable. If you only need 15 feet in the field, it probably is a good compact portable cable, but for little more bulk, you can use lower loss twin lead. There is also a miniature slotted 300 ohm line.

For home station, I would not use smaller than RG 8x, and of course above 30 MHz, you probably want 1/2 inch VHF rated coax.

-----  
Date: Tue, 10 Apr 2001 17:22:38 EDT

From: PTSMANTUA@aol.com

To: rohre@arlut.utexas.edu, PTSMANTUA@aol.com

Cc: qrp-l@lehigh.edu

Subject: [96101] Re: RG 179 coax --->Thank you to Everyone --> Summary attached

Message-ID: <3d.a228d44.2804d39e@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Stuarts replies are below, but so many have replied, Thanks a bunch. I am truley grateful.

Below summarizes all posts

1 MHz it is 3 dB, that is half your power!

At 50 MHz it is 10.5 dB.

That is for the product from Storm Products cable co. whose web page was posted. (Thanks!)

73,

Stuart K5KVH

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For home station, I would not use smaller than RG 8x, and of course above 30 MHz, you probably want 1/2 inch VHF rated coax.

-----  
Date: Tue, 10 Apr 2001 14:25:44 -0700  
From: Dan Tayloe <dtayloe@home.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [96102] 1 GHz Prescalers?  
Message-ID: <3AD37A58.AF40ED7A@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone have a recommendation for 1 GHz prescaler parts? I am looking for something in the divide by 8 or by 16 (perfered) catagory. Right now all I can find is a Motorola MC12093D (divide by 8), but it is hard to find and rather expensive.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

-----  
Date: Tue, 10 Apr 2001 14:31:49 -0700 (PDT)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-l@lehigh.edu>

Subject: [96103] What are the ladder line and twinlead losses?  
Message-ID: <20010410213149.23484.qmail@web10006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Does anyone have what the losses are at 100 feet for ladder line and twin lead for the HF bands?  
After my last posting about how the losses are higher than what was once thought I'd sure like to know what they are now.

73!  
Jeff

=====  
AB6MB  
NorCal QRP Club #65, QRP-L #1780, ARCI 10071  
Radical FIST Member 6798

-----  
Do You Yahoo!?  
Get email at your own domain with Yahoo! Mail.  
<http://personal.mail.yahoo.com/>

-----  
Date: Tue, 10 Apr 2001 17:39:57 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Wayne Letang <wletang@tbaytel.net>, Bruce Rattray <rattray@gpfn.sk.ca>, Dave Kimpton <dkimpton@tbaytel.net>, Rob VE3FLB <ve3flb@rac.ca>, NA6E <na6e@qsl.net>, VE3AXL <kcrystal@tbaytel.net>, Bill <va3ay@tbaytel.net>, "Robert C. Mazur" <rmazur@tbaytel.net>,  
Subject: [96104] New web page:  
Message-ID: <3AD37DAD.B310B3ED@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well now that homepage.com is gone, I had to put a new webpage together.  
So here is my first attempt at html stuff, kinda neat, lots to do yet....

Fred  
VE3FAL  
<http://www.qsl.net/ve3fal/>

-----



Date: Tue, 10 Apr 2001 18:12:14 EDT  
From: K4NK@aol.com  
To: qrp-l@lehigh.edu  
Subject: [96105] RE: BOOK SALE  
Message-ID: <d6.4dd153f.2804df3e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

WHOA...gang....thanks for the over whelming flood of offers. I thank You. Now  
heres what is left. Those who have gotten the item have been notified.

ARRL hand books 1968 ,1969, 1970,1976...\$7.00 each plus \$3.00 shipping.

I will add ...Book Introduction to Electttric Circuits..by Herbert Jackson  
Hard Cover 450 page textbook.....  
\$7.00 plus \$3.00 ship

Book Electronic Design Data Book by Van Nostrand co.  
Hard cover text book 310 pages. \$7.00 plus \$3.00  
ship

ARRL Book UHF/MICROWAVE manual new condx.  
440 pages soft cover  
\$10.00 plus \$3.00 ship

More later thanks to all the QRP-L ers

72 Les

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End of QRP-L Digest 2155

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